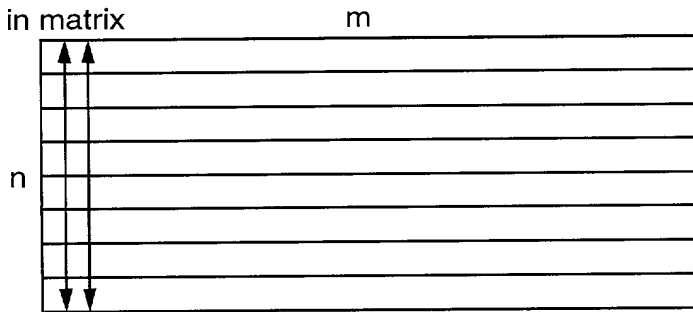


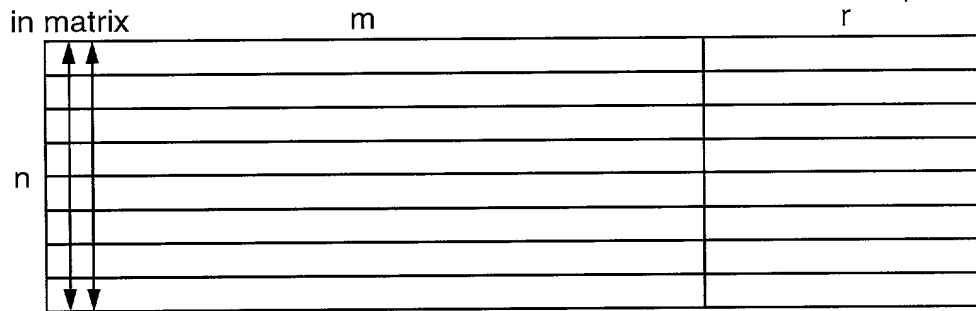
Data loaded  
in matrix



**Fig. 1**  
(PRIOR ART)

**Fig. 2**  
(PRIOR ART)

Data loaded  
in matrix

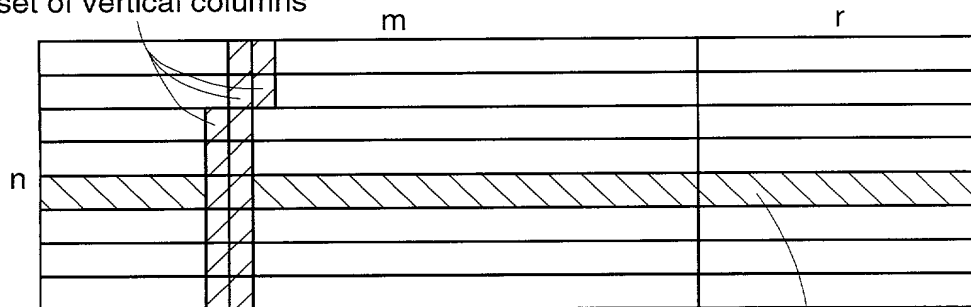


Error correction symbol are  
computed and are added to  
the end each row (horizontally)

Symbols read out  
(vertically)

**Fig. 3**  
(PRIOR ART)

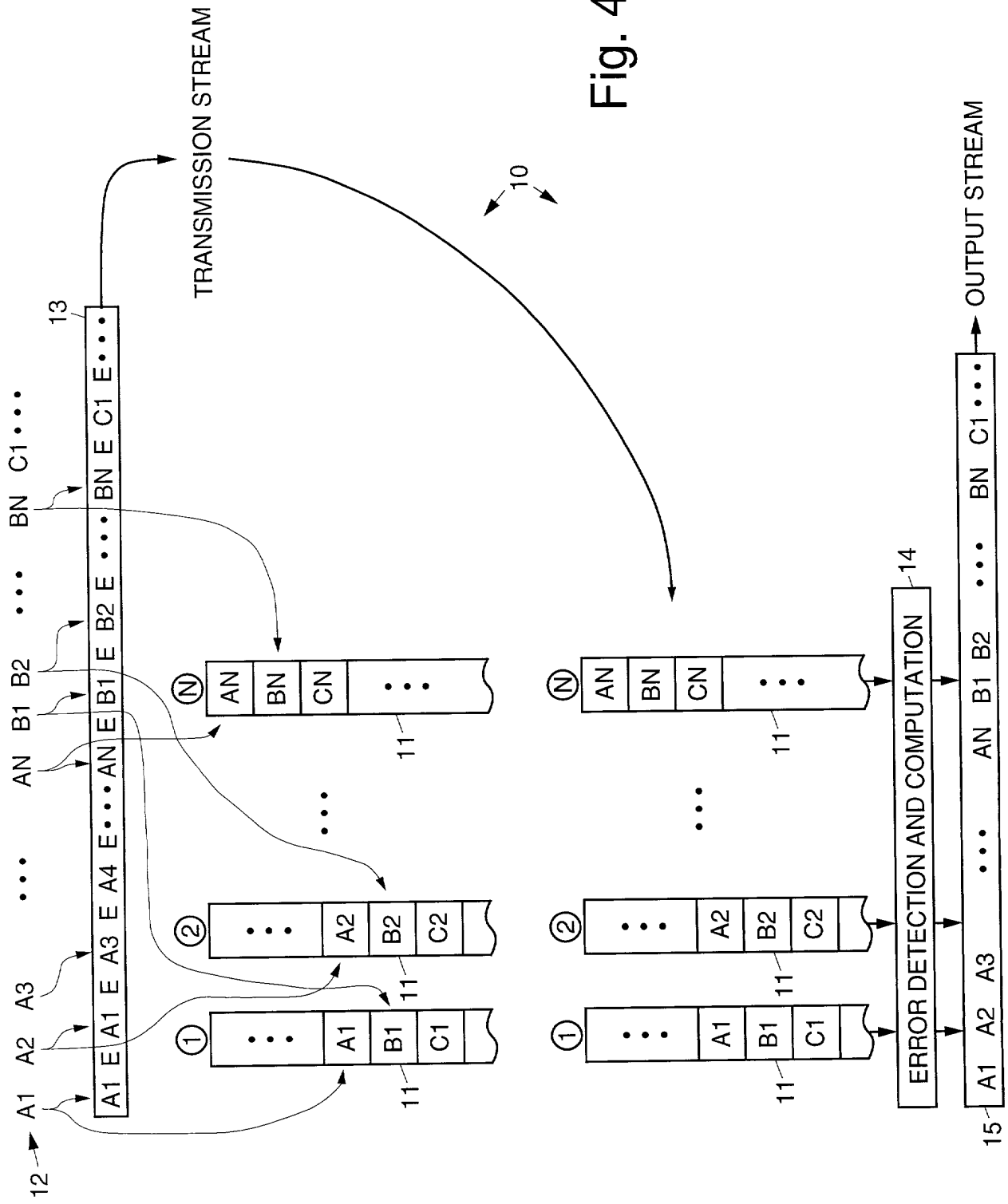
If errors occur in a burst, it  
will occur in a contiguous  
set of vertical columns



If these are the only errors, and if there are fewer  
errors in the row that would overwhelm the error  
correction process, all the symbols get corrected

Selected row

Fig. 4



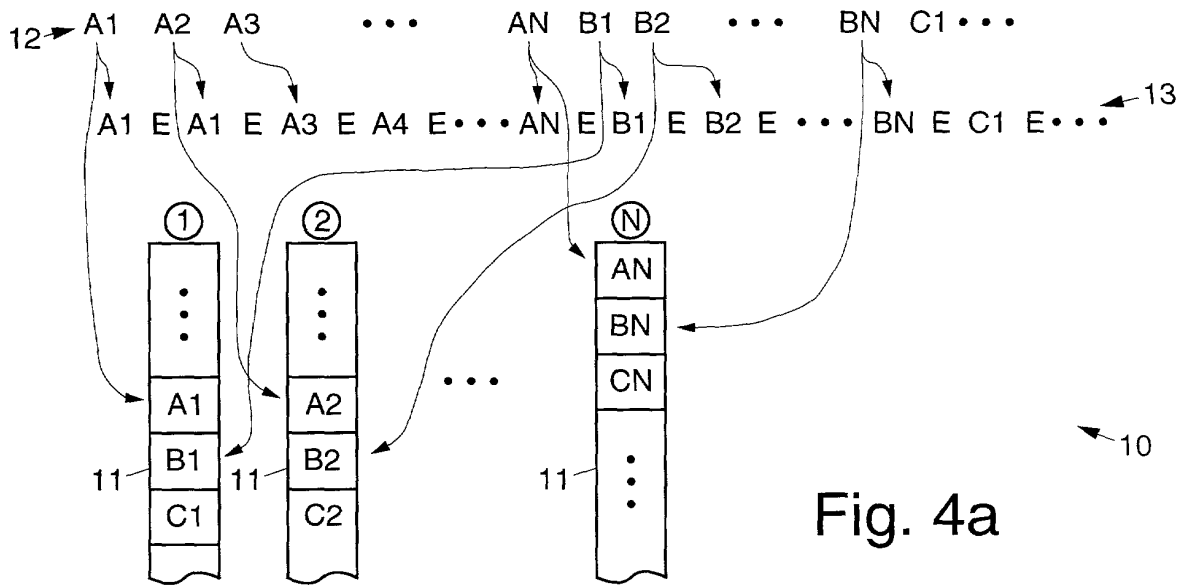


Fig. 4a

Fig. 5

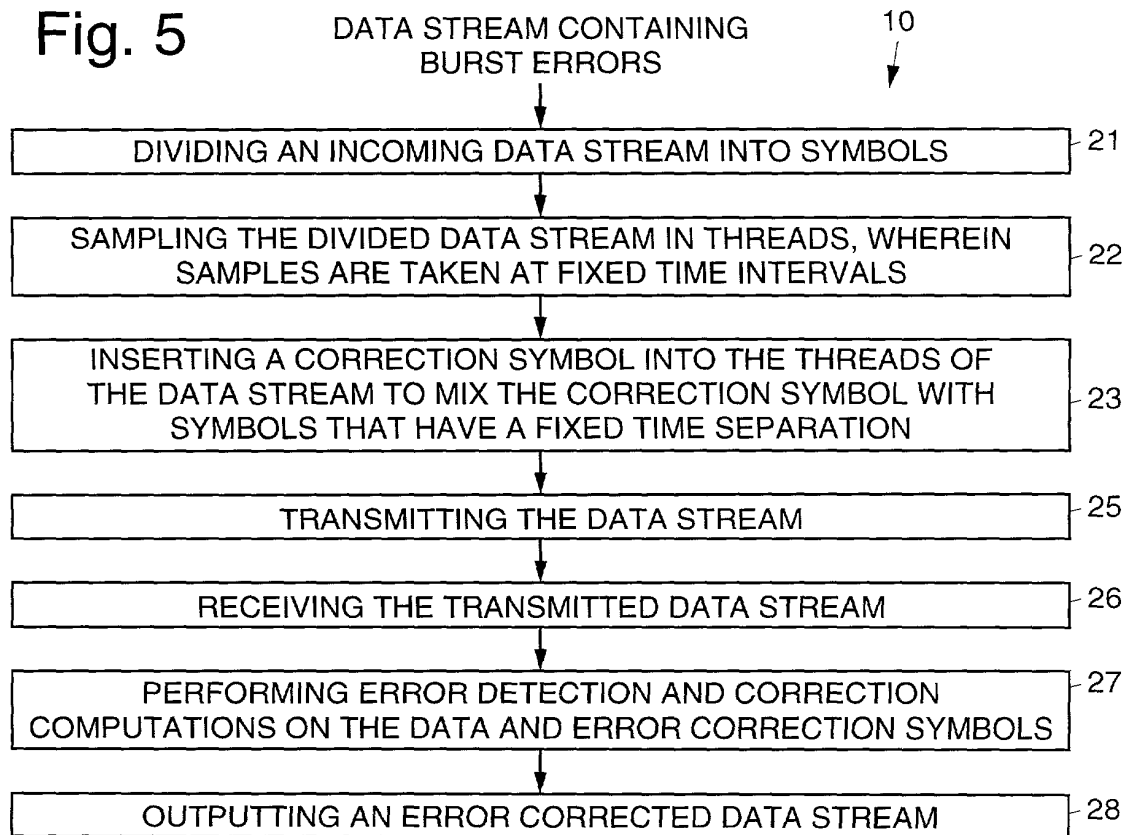


Fig. 6

